Citizen Data Academy
Intro Course

Tuesday, October 13, 2020
5:30 – 7:00 PM
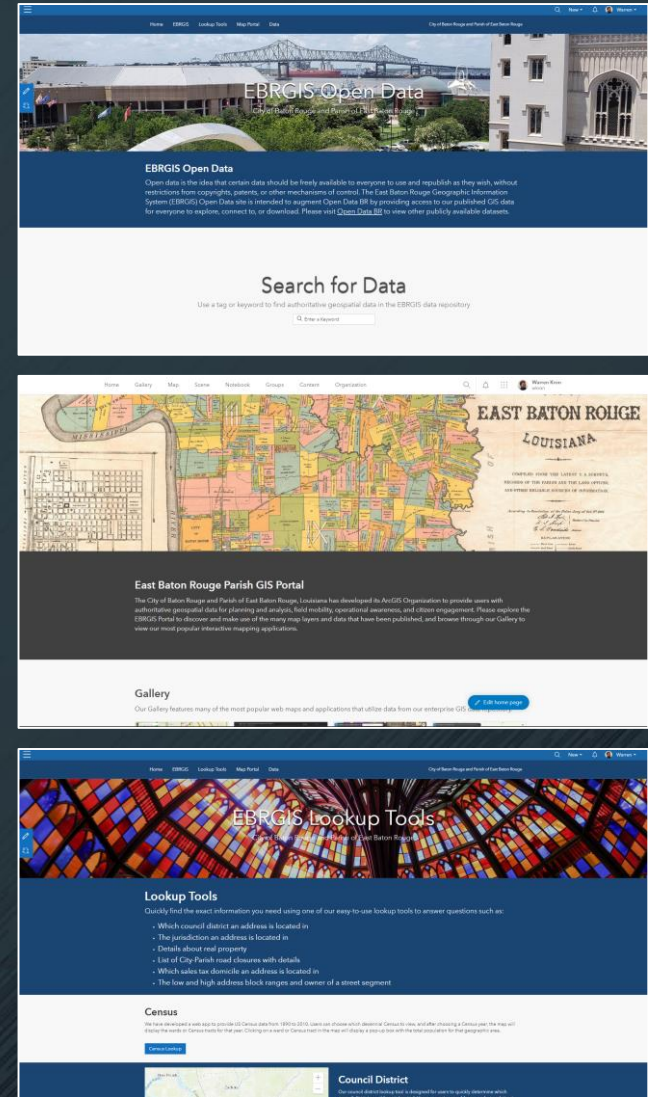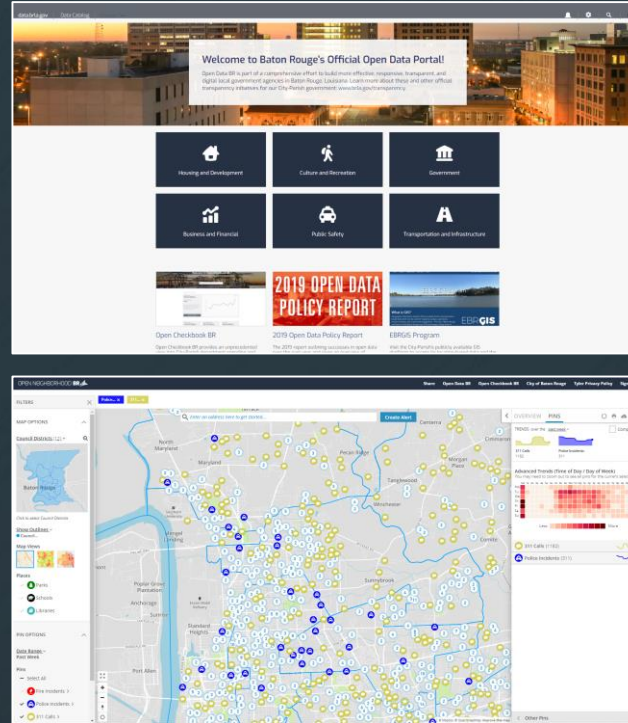
City of Baton Rouge – Parish of East Baton Rouge
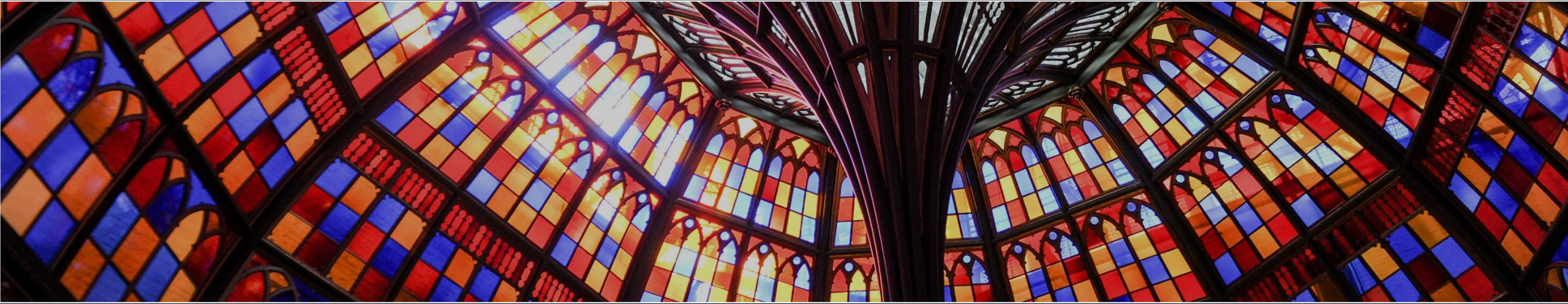Department of Information Services

Session 1 Overview

➤ **Digital Initiatives**

➤ **Open Data BR**

➤ **Open Neighborhood BR**

➤ EBRGIS Open Data

➤ EBRGIS Maps

➤ EBRGIS Lookup Tools

➤ Wrap-Up
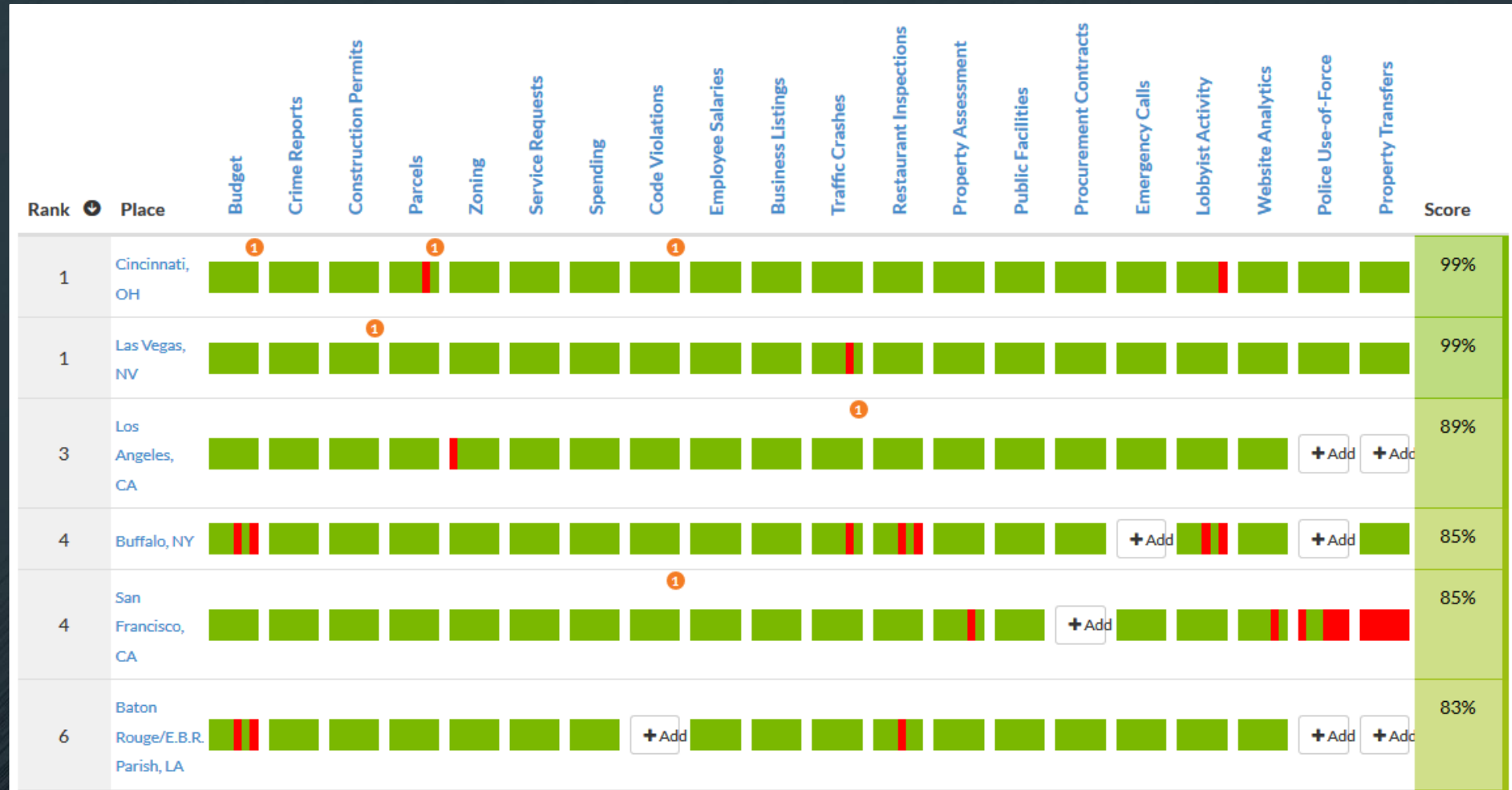
City-Parish Digital Initiatives

Transparency

- Transform Baton Rouge into a Digital City
- Publish Data in Public Domain
- Inspire Innovation

Efficiency and Effectiveness

- Open Data Policy
- Governance Increases Collaboration
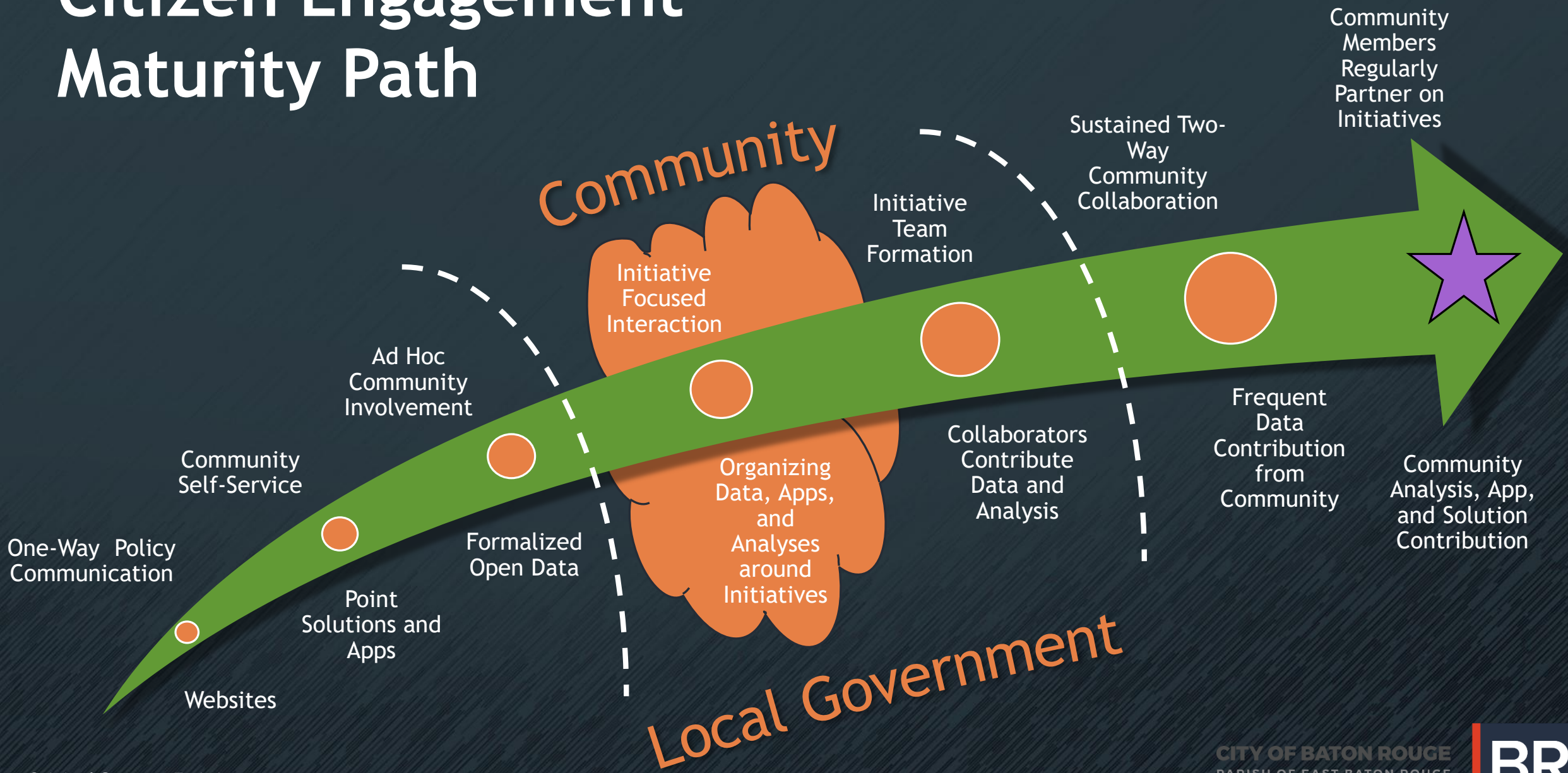- Regular Reporting Drives Accountability

CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE

BR

US City Open Data Census

Citizen Engagement Maturity Path

Community

Local Government

One-Way Policy Communication

Websites

Community Self-Service

Point Solutions and Apps

Ad Hoc Community Involvement

Formalized Open Data

Initiative Focused Interaction

Organizing Data, Apps, and Analyses around Initiatives

Initiative Team Formation

Collaborators Contribute Data and Analysis

Sustained Two-Way Community Collaboration

Frequent Data Contribution from Community

Community Members Regularly Partner on Initiatives

Community Analysis, App, and Solution Contribution

Original Source: Esri, Inc.

Open Data Portals

	Open Data BR	EBRGIS Open Data
Information	Tabular data managed by City-Parish Departments	Location-based data managed by the GIS Team
Capabilities	Filter, query, and create custom views and visualizations	Visualize data and perform spatial analysis in mapping applications
Use Cases	Lookup crime data, neighborhood trends, and City-Parish spending	View property assessments in your neighborhood or traffic patterns

Open Data Categories

➢ **Business and Financial**

➢ **Culture and Recreation**

➢ **Government**

➢ **Housing and Development**

➢ **Public Safety and Health**

➢ **Transportation and Infrastructure**

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Open Data BR

https://data.brla.gov
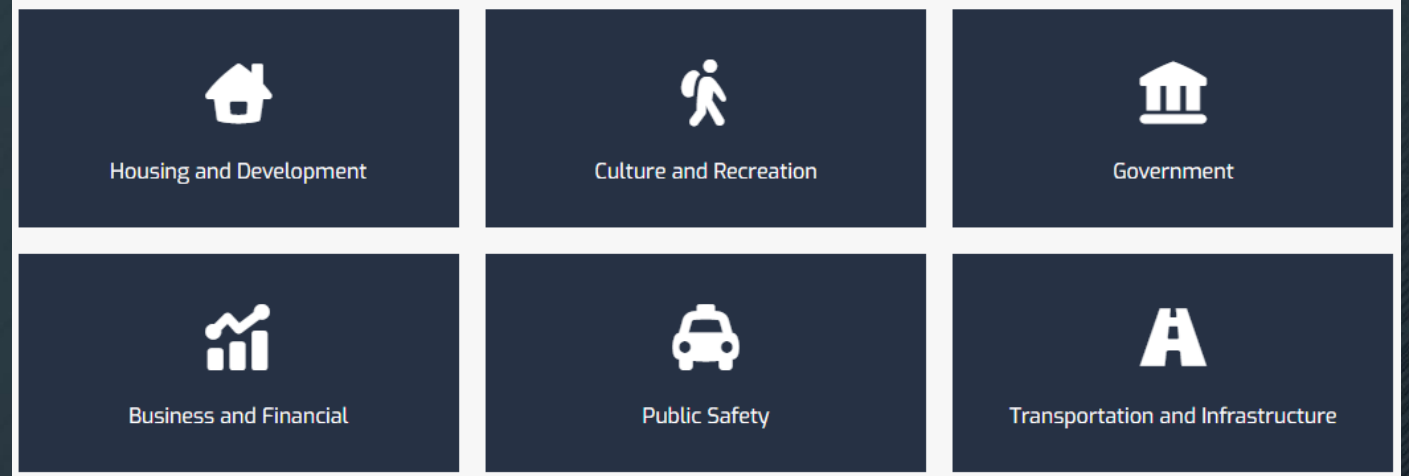
➢ **Metrics**

— *47 Datasets*

— *64 Charts*

— *40 Filtered Views*

— *47 Maps*

— *4.7M Page Views*

— *76,000 Embeds*

— *40.5M Rows of Data*
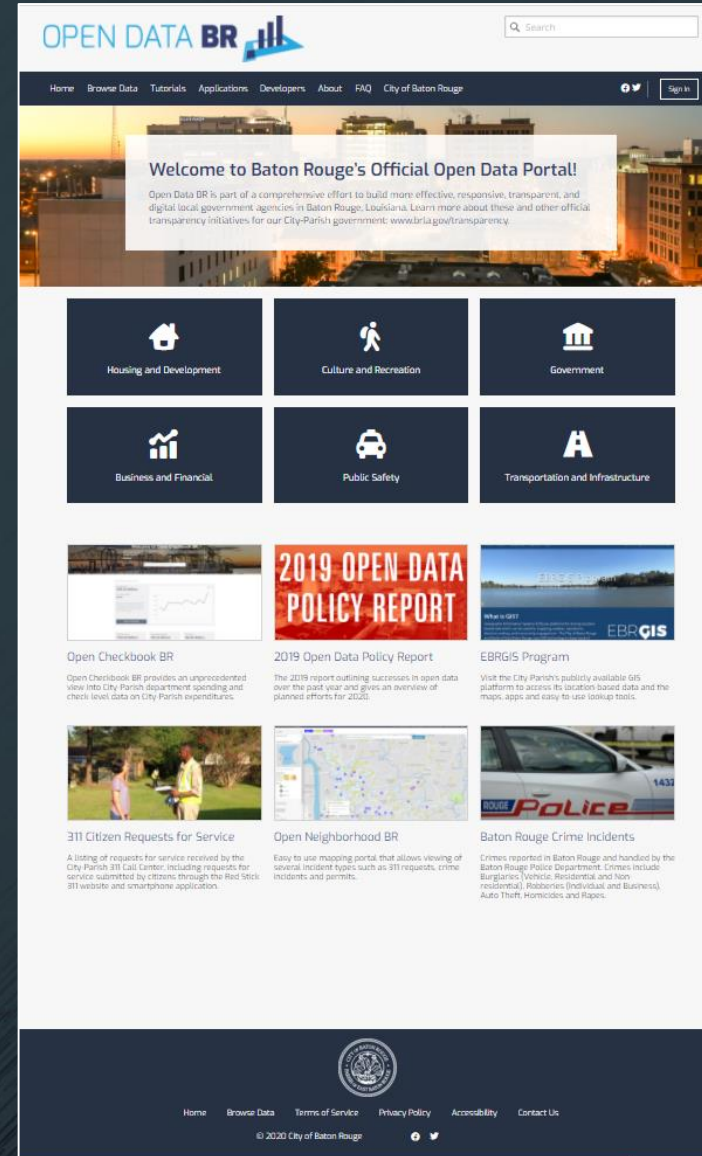
Open Data BR

➢ **Primer Page**

— *Description*

— *Featured Content*

— *Metadata*

— *Columns in the Dataset*

— *Table Preview*

Open Data BR

➢ **View Types**

 — *Tabular*
 — *Line Chart*
 — *Pie Chart*
 — *Bar Chart*
 — *Combo Chart*
 — *Map*
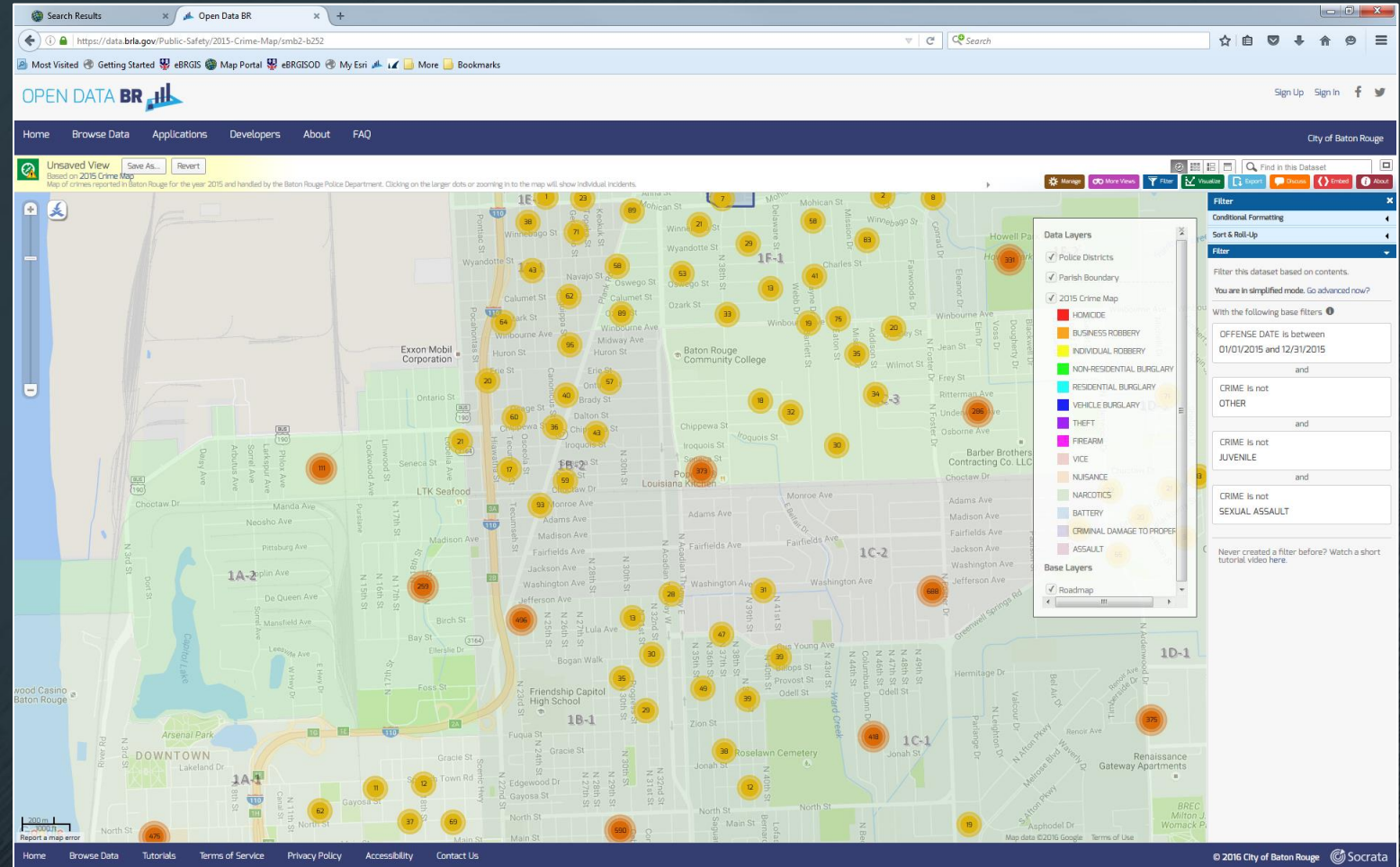
Open Data BR

➤ **Download Formats**

— *CSV*

— *JSON*

— *RDF*

— *RSS*

— *XML*

➤ **API Connections**

— *OData V2 and V4*

— *SODA*

Open Data BR

➢ **Sign up for a Free Account**

— *Requires a valid email address*

➢ **Benefits**

— *Save dataset views and visualizations*

— *Nominate datasets*

Open Neighborhood BR

https://my.brla.gov

➢ **Spatial Filters**

— *Council Districts*
— *Neighborhoods*
— *ZIP Codes*

➢ **Map Views**

— *Street*
— *Heat*
— *Thematic*

➢ **Places**

— *Parks*
— *Schools*
— *Libraries*
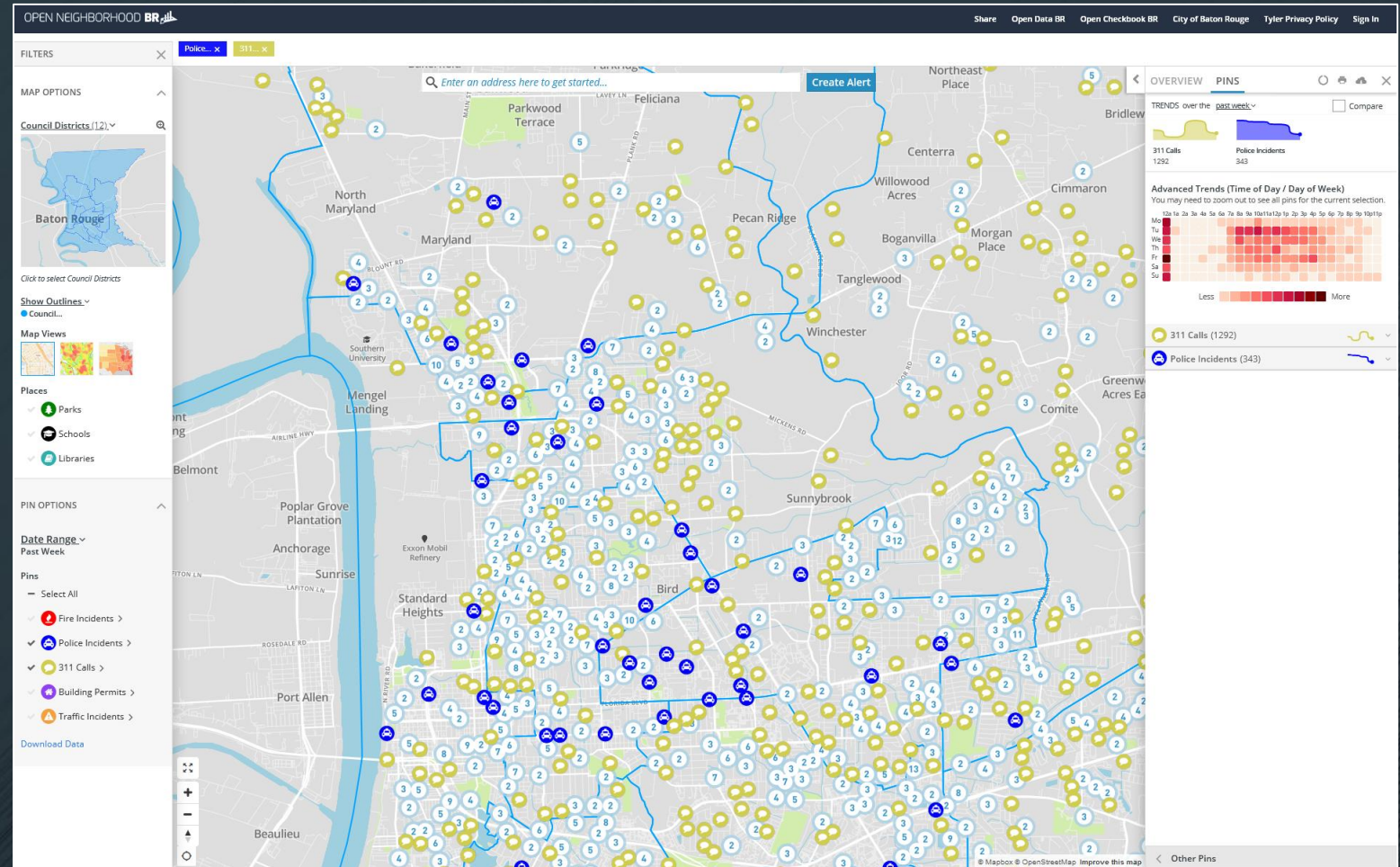
Open Neighborhood BR

➢ **Pins**

— *Fire Incidents*
— *Police Incidents*
— *311 Calls*
— *Building Permits*
— *Traffic Incidents*

➢ **Date Range**

— *Defaults to Past Week*
— *Preset Options*
— *Custom Range*

➢ **Download Data**

— *Entire Dataset*
— *Filtered Dataset*

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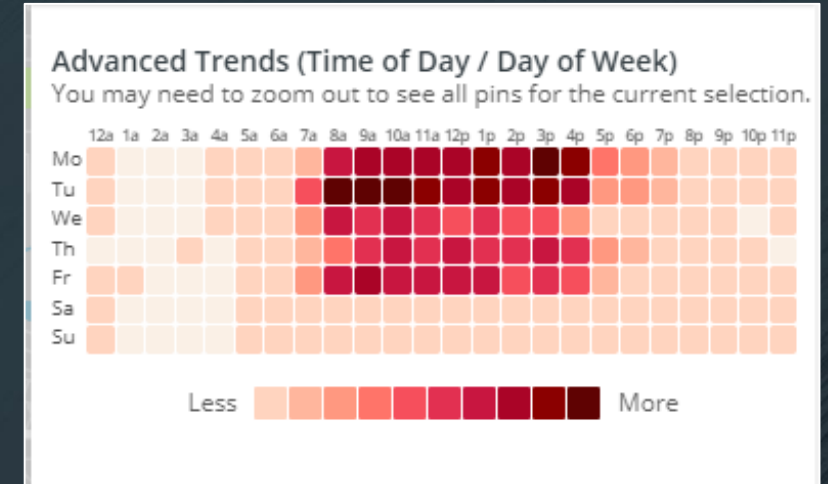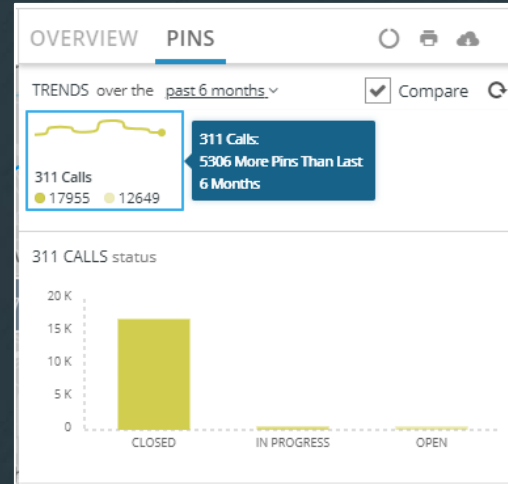
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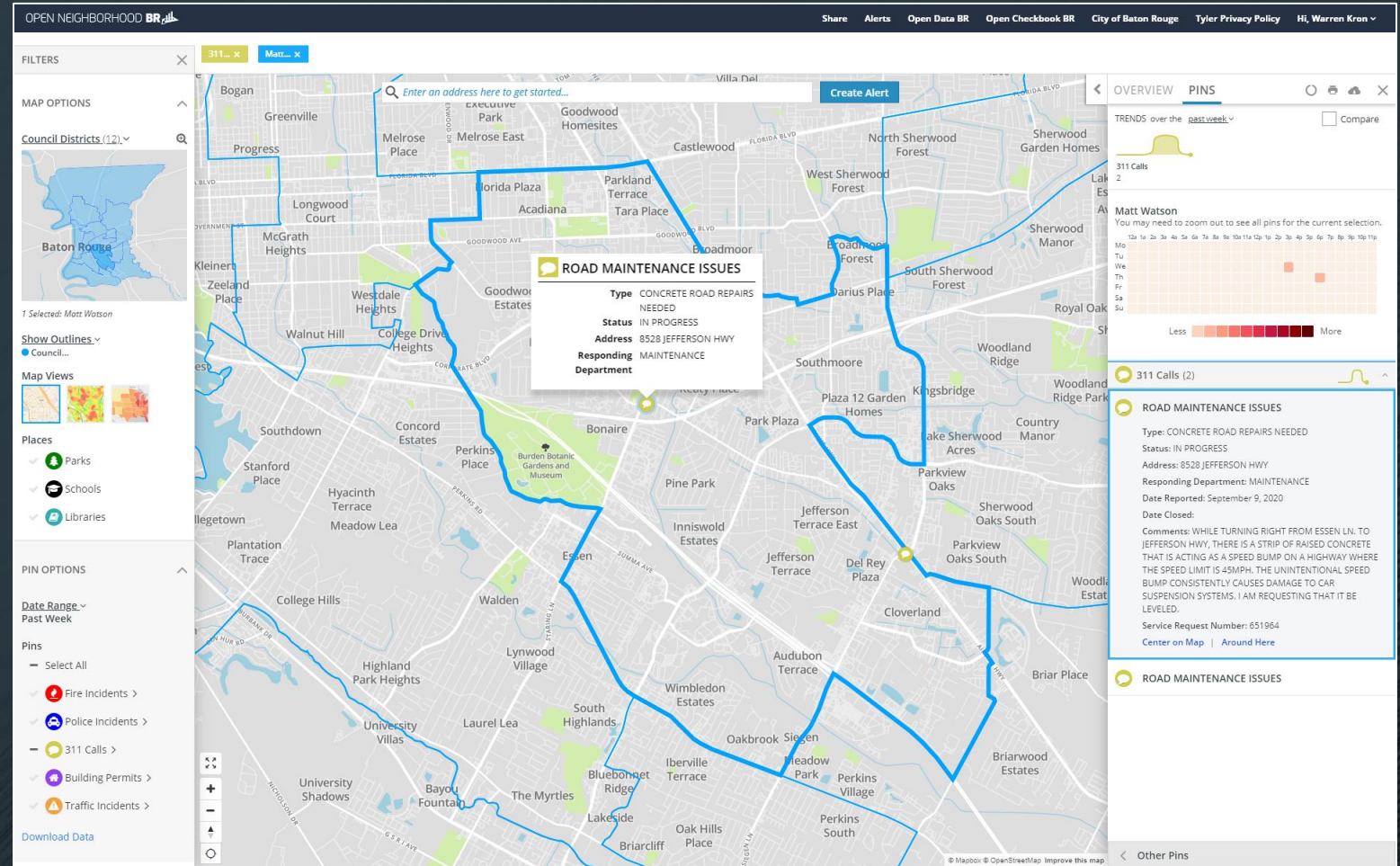
Open Neighborhood BR

➤ **Trends**

— *Count of records over a specified date range*
— *Compare results with the previous period*

➤ **Advanced Trends**

— *Heat chart based on the count of records by day and hour of the day*
— *Grid cells serve as filters in the map window*

➤ **Record Details**

— *Specific information of each pin displayed in the map window*

Open Neighborhood BR

➢ **Alerts**

— *Sign in using your Open Data BR user name*

— *Configure the map to display the area of interest and pins*

— *Set the Mile Radius*

— *Click the Create Alert button*

— *Name the Alert*

— *Choose to send an email with updates*

— *Choose frequency of emails*

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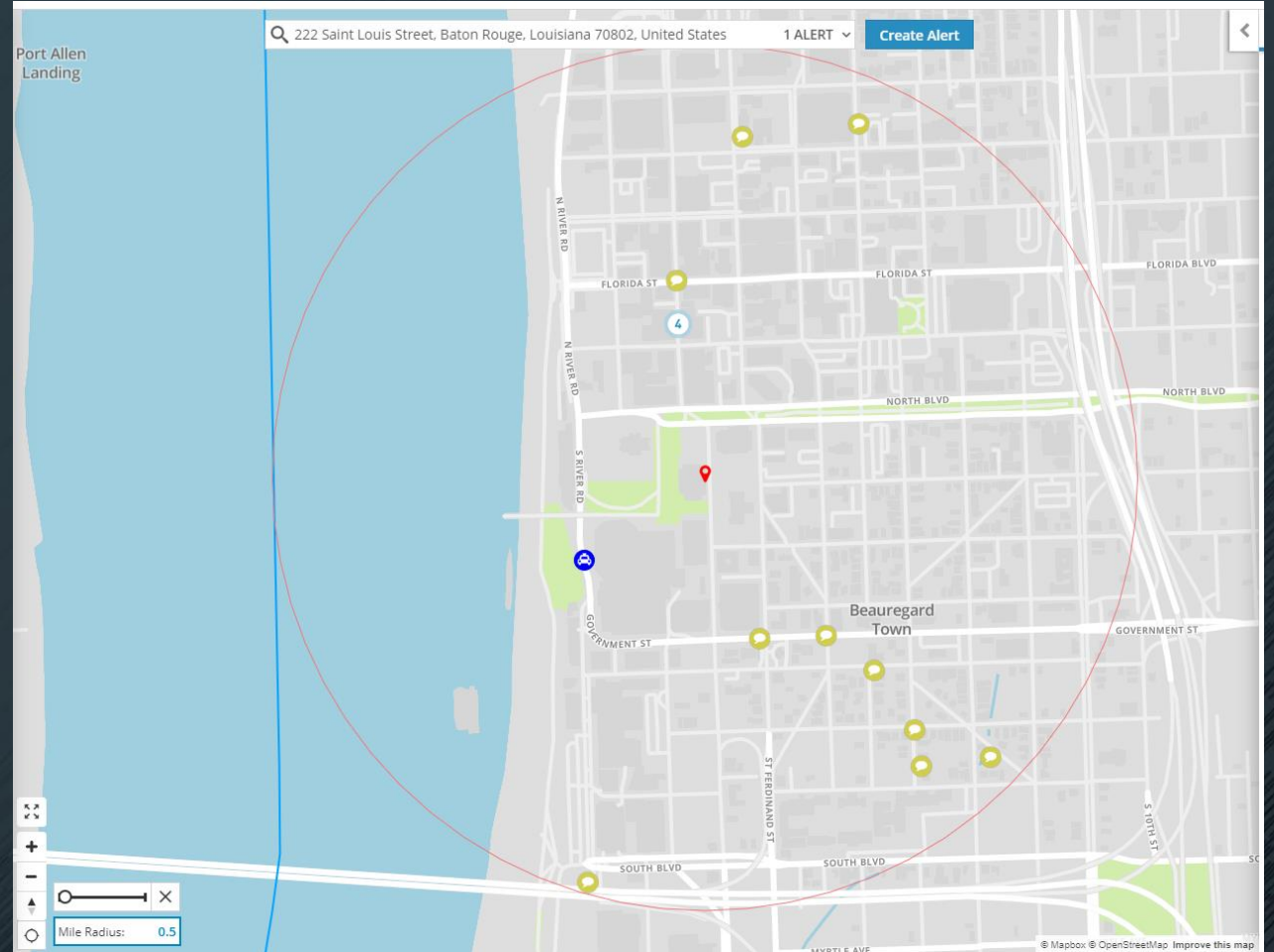
EBRGIS Open Data

➢ **187 publicly available feature layers**

➢ **Six (6) Open Data Categories, plus:**
  — *Environment*
  — *Other Resources*

➢ **Download Formats**
  — *CSV*
  — *KML*
  — *Shapefile*

➢ **API Connections**
  — *REST*
  — *GeoJSON*
  — *OGC WMS*

EBRGIS Maps

https://ebrgis.maps.arcgis.com
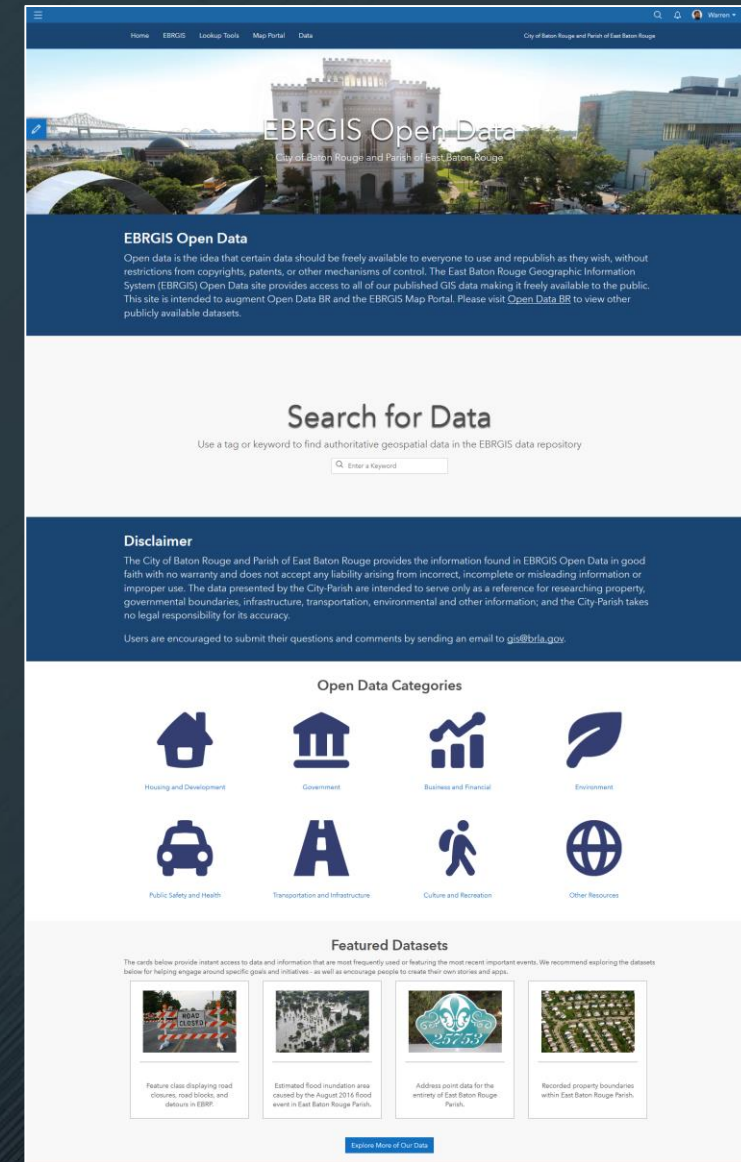
➢ **Metrics**

— *21 Web Maps*

— *24 Web Applications*

— *75 PDF Maps*

— *4 Dashboards*

— *9 Story Maps*

➢ **Gallery features the most popular maps and apps**

➢ **Content can be searched by open data category, tags, or type**

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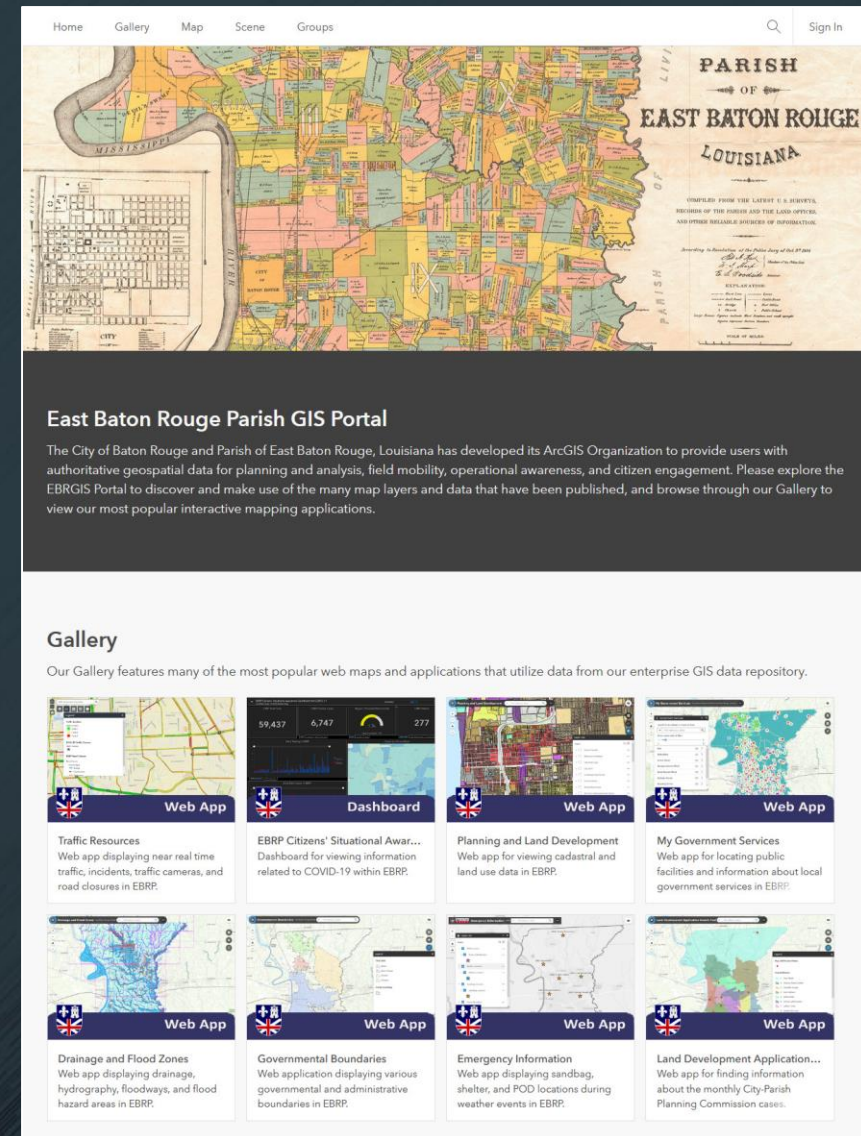
EBRGIS Lookup Tools

➢ **Census**
  — *Population data from 1890 to 2010*

➢ **Council District**
  — *Councilperson and district number*

➢ **Jurisdiction**
  — *Baker, Baton Rouge, Central, Zachary, or unincorporated area*

➢ **Property**
  — *Over 40 details about each legally recorded lot*

➢ **Road Closure**
  — *Current and future City-Parish street closure info*

➢ **Sales Tax Domicile**
  — *Taxing jurisdiction and hotel tax columns*

➢ **Street Block Range**
  — *Low and high addresses, jurisdiction, and owner*

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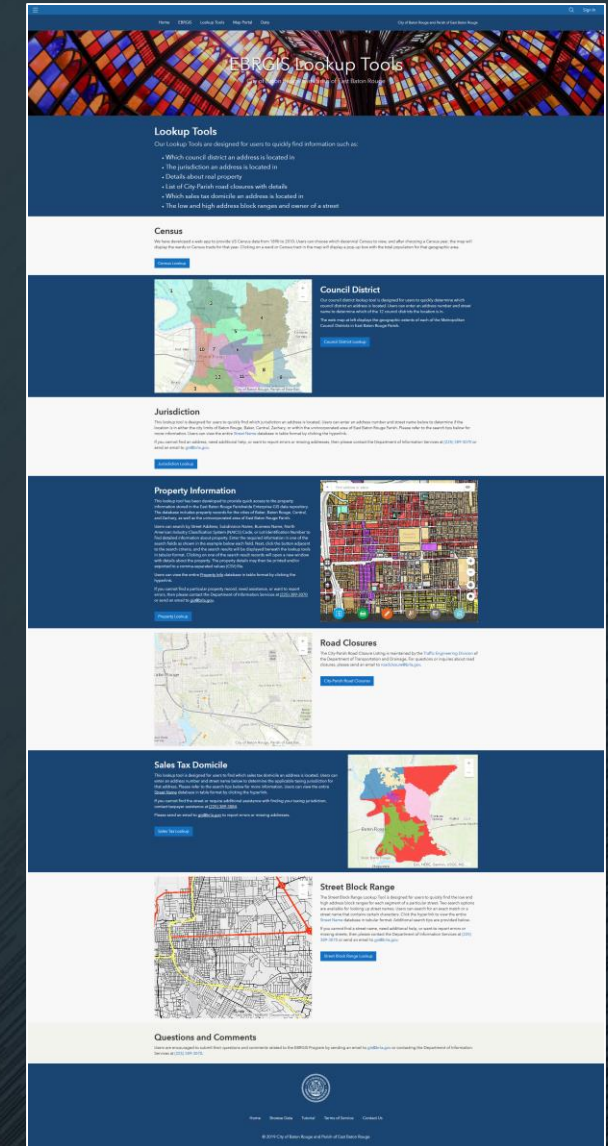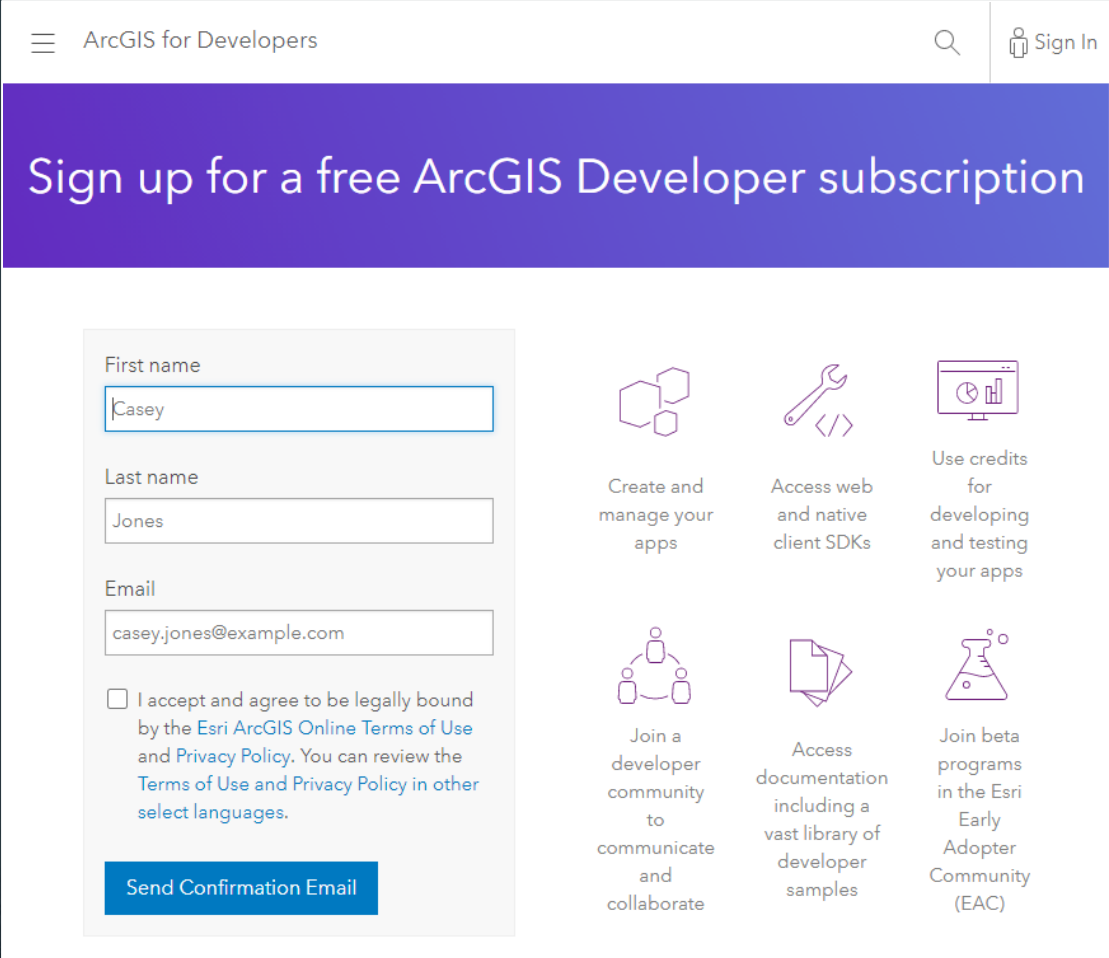
EBRGIS

➢ **Sign up for a Free Account**
— *https://developers.arcgis.com/sign-up/*
— *Requires a valid email address*

➢ **Benefits**
— *Save, create, and edit map layers*
— *Create web maps and apps*

Wrap-Up

➢ **Digital Initiatives Overview**
— *brla.gov/IS*

➢ **EBRGIS Quarterly Newsletter**
— *gis.brla.gov*

➢ **Next Citizen Data Academy Sessions**
— *Session 2 – Monday, November 9th*
— *Session 3 – Tuesday, December 15th*

➢ **Virtual GIS Day**
— *5:30 to 7 PM, Wednesday, November 18th*

➢ **Contact Us**

opendata@brla.gov
(225) 389-3070

Questions
and
Comments

Thank You!

Please complete a course evaluation

https://arcg.is/1THan4